

## HAZARD CONTROL PLAN

**Title:** Urgent and Emergency Response

**Identifying Number:** P-FM-HCP-014-2001.0

**Initial Risk Estimate:** High

**Residual Risk Estimate:** Low

**Work Permits:** Permits may be required for specific facility management buildings, operations or areas such as D&D sites. These may include, but are not limited to: special electrical work permits (SEWPs), radiation work permits (RWPs), confined space entry permits, and safety work permits. FMU77 team members must make themselves aware of any permit requirements before entry into the work area. For D&D, the Site-Specific Health and Safety Plan (SSHASP) must also be followed. In some cases the ES&H team members will be the subject matter experts that determine the need for and /or issue the permits.

**Document Prepared By:** Tom Montoya, Safety Professional  
**Name/Title**

**Organization:** P-FM

**Document Reviewed By:** Stephanie Archuleta, ES&H Team Leader 3/15/2001  
**Name/Title** **Date**

**Work Authorization:**

<u>Dave Riker, Facility Manager</u>	<u></u>	<u></u>
<b>Name/Title</b>	<b>Signature</b>	<b>Date</b>

**Periodic Review Schedule:** Every 3 years or as modification is necessary through feedback or activity change.

**Revision Record:** Reviewed and revised 3/6/2001, major content changes.

**Revision Record:** Reviewed and revised on 4/03/01, minor changes to reflect a change in editorial information.

## **SCOPE:**

This Hazard Control Plan applies to all FMU77 personnel who will have to respond to urgent facility issues (i.e. building flooding, smoke in the building, unplanned power outage). This HCP also applies to FMU77 personnel who will respond to emergencies that arise within the FMU. Emergency response will only be for the purpose of providing FM information and support to properly trained and equipped responders, as well as assisting during building evacuations. The elements of this HCP will be adhered to for after hour response as well.

## **DESCRIPTION OF ACTIVITY:**

Urgent and Emergency response operations involving facility personnel are highly variable, and cannot be described completely here. Facility personnel may be called to assist during an urgent or emergency response to evaluate potential or actual hazards, perform sampling, or provide subject matter expertise. Before entering an area where hazards may be present, personnel must assess the potential hazards, determine if controls are in place and working properly, determine what PPE is required and follow the requirements of the incident commander, or any other facility-specific HCP's or safety requirements.

## **LABORATORY REQUIREMENTS:**

- DOE ORDER 151.1 COMPREHENSIVE EMERGENCY MANAGEMENT SYSTEM
- U.S. Dept of Labor, Occupational Safety and Health Administration (OSHA) Standard 29-CFR 1910.120, Hazardous Waste Operations and Emergency Response; 1910.38, Employee Emergency Plans and Fire Prevention Plans; 1910.165, Employee Alarm Systems
- American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values (TLV's) and Biological Exposure Indices (BEI's) for Chemical Substances and Physical Agents, most current version.
- ESH-5 Field Operations Manual
- Lanl Emergency Management Plan, LA-12900, latest edition
- LIR 402-130-01 Abnormal Events
- Lir 402-1000-01.0 Personal Protective Equipment
- Lir 403-00-00.0 Emergency Management

## **EMERGENCY ACTIONS:**

Facility personnel should be familiar with emergency signals, building emergency plans, and emergency equipment (pull boxes, etc.) for the buildings and operations within the facility.

Personnel should be knowledgeable of muster areas and emergency numbers designated for the site being evaluated. Call 911 for immediate crisis/fire/medical assistance. *“In the event of an emergency remember that your first responsibility is for your own safety. Do not try to perform any shutdown procedures if it would mean compromising your safety.”* DO NOT resume normal operations until the Incident Commander releases the area.

**WORK ACTIVITIES/HAZARDS/CONTROLS**

<b>ACTIVITY</b>	<b>HAZARD</b>	<b>CONTROL</b>
Air sampling or bulk sampling for chemicals or radiological contaminants	Inhalation, absorption of contaminants	<ul style="list-style-type: none"> <li>• Appropriate PPE, including but not limited to respirators, protective clothing, and gloves when necessary. When contaminant concentrations are unknown or Immediately Dangerous to Life or Health (IDLH) only responders trained in Level A will enter the hot zone.</li> <li>• The evaluation and use of PPE shall be made in accordance with LIR 402-1000-01.0</li> <li>• Training commensurate with emergency response duties, in accordance with 29CFR 1910.120, paragraph q.</li> </ul>
Evaluation of situation which warrants urgent or emergency response.	Chemical, radiological, electrical, physical, mechanical, thermal, high pressure	<ul style="list-style-type: none"> <li>• When possible every effort shall be made to respond using the buddy system.</li> <li>• A physical evaluation shall be made from a safe distance.</li> <li>• Evaluations shall include gathering as much information as possible without entering the potential danger zone.</li> <li>• Entrance to the danger zone will only be made when appropriate controls have been implemented which will mitigate the hazard and only by those individuals</li> </ul>

Evaluation of situation which warrants urgent or emergency response.		with the appropriate training required to mitigate the situation.

## **KNOWLEDGE, SKILLS AND ABILITIES NECESSARY TO UTILIZE TIME CONTROLS AND PERFORM THE WORK SAFELY:**

FMU-77 personnel authorized to perform work under this HCP shall meet job description requirements. Because of the unknown nature of each situation encountered, a general knowledge of industrial hygiene and safety principles is necessary to do this work safely. A worker needs to be able to anticipate, recognize, and control for hazards associated with work areas.

## **TRAINING REQUIREMENTS:**

Required reading of this HCP  
 Required reading of site specific HCP's pertaining to the response  
 Use of appropriate PPE

## **WASTE GENERATED:**

Because of the uncertainty pertaining to an urgent or emergency response it is possible that any of the following wastes may be generated:  
 Detector tubes, PPE, RCRA regulated waste, TSCA regulated waste, unregulated solid or liquid waste.

**WORK AUTHORIZATION**

**Work Acknowledgement:**

I have read and understand this Hazard Control Plan:

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